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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

4-325621	or agent's file reference A	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)				
Internationa	a application No.	International filing date (day/month/year)	Priority date (day/month/year)			
PCT/EP (03/08436	30.07.2003	31.07.2002			
A61K45/	06	or both national classification and IPC	·			
NOVARI	TIS AG et al.	The first of the second of the	Control of the Contro			
1. This Auth	international preliminary enority and is transmitted to	examination report has been prepared by the applicant according to Article 36.	nis International Preliminary Examining			
2. This	REPORT consists of a to	tal of 5 sheets, including this cover sheet.				
	This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
These annexes consist of a total of sheets.						
3. This	s report contains indication	s relating to the following items:				
3. This	report contains indication Basis of the opinio					
3. This	_					
1	☐ Basis of the opinio		e step and industrial applicability			
 	☐ Basis of the opinio	on t of opinion with regard to novelty, inventive	e step and industrial applicability			
 	 ☑ Basis of the opinio ☐ Priority ☑ Non-establishmen ☐ Lack of unity of inv ☑ Reasoned statement 	on t of opinion with regard to novelty, inventive vention	e step and industrial applicability velty, inventive step or industrial applicability;			
 V	 ☑ Basis of the opinio ☐ Priority ☑ Non-establishmen ☐ Lack of unity of inv ☑ Reasoned statement 	on t of opinion with regard to novelty, inventive vention ent under Rule 66.2(a)(ii) with regard to now anations supporting such statement				
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 V 	 ☑ Basis of the opinion ☐ Priority ☑ Non-establishmen ☐ Lack of unity of involved ☑ Reasoned statement of the citations and explain documents ☐ Certain defects in ☐ Certain observation 	t of opinion with regard to novelty, inventive vention ent under Rule 66.2(a)(ii) with regard to nov anations supporting such statement is cited the international application ons on the international application	velty, inventive step or industrial applicability;			
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IIIIIVVVVVIIIIIIIIIIIIIIIIIIIIIIIIIIII	Basis of the opinion Priority Non-establishmen Lack of unity of inverse Reasoned statement citations and explain Certain documents Certain defects in Certain observation Certain observation Demission of the demand	t of opinion with regard to novelty, inventive vention ent under Rule 66.2(a)(ii) with regard to novanations supporting such statement is cited the international application ons on the international application Date of completional authorized Office Herrera. S	velty, inventive step or industrial applicability;			

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/EP 03/08436

I. Basis of the report

1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	Description, Pages						
	1-15		as originally filed				
. 1	Clai	ms, Numbers	en jarak kata papulan ja mangan seminan mengangan terbit ptikan pangkan pendagan berangan dan pendagan berangk Terbit pangkan pangkan pangkan pendagan pendagan pendagan pendagan pendagan pendagan pendagan pendagan pendaga				
	1-12	2	as originally filed				
2.	With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.						
	These elements were available or furnished to this Authority in the following language: , which is:						
		the language of a tra	nslation furnished for the purposes of the international search (under Rule 23.1(b)).				
		the language of publication of the international application (under Rule 48.3(b)).					
		the language of a tra Rule 55.2 and/or 55.3	nslation furnished for the purposes of international preliminary examination (under 3).				
3.	Witi inte	n regard to any nucle rnational preliminary e	otide and/or amino acid sequence disclosed in the international application, the examination was carried out on the basis of the sequence listing:				
		contained in the inter	national application in written form.				
-		filed together with the international application in computer readable form.					
		furnished subsequen	itly to this Authority in written form.				
		furnished subsequently to this Authority in computer readable form.					
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.					
4.	. The	e amendments have re	esulted in the cancellation of:				
/ 5. Te *	□	the description,	pages:				
		the claims,	Nos.:				
		the drawings,	sheets:				
5	. 🗆	This report has been been considered to	n established as if (some of) the amendments had not been made, since they have go beyond the disclosure as filed (Rule 70.2(c)).				
		(Any replacement si report.)	heet containing such amendments must be referred to under item 1 and annexed to this				
6	. Ad	ditional observations.	if necessary:				

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

see separate sheet

International application No.

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III.	III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
 The questions whether the claimed invention appears to be novel, to involve an inventive step obvious), or to be industrially applicable have not been examined in respect of: 					ep (to be non-		
		the entire international applicat	on,				
	\boxtimes	claims Nos. 1-9,11-12					
		because:		•			
٠,٠.	⊠	the said international application, or the said claims Nos. 1-8 relate to the following subject matter which a does not require an international preliminary examination (specify):					
		see separate sheet					
	×	the description, claims or drawings (indicate particular elements below) or said claims Nos. 1,8,9,11-12 are so unclear that no meaningful opinion could be formed (specify):					
		see separate sheet					
		the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.					
2.	or a	no international search report has been established for the said claims Nos. See Separate Sheet meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative instructions:					
		the written form has not been furnished or does not comply with the Standard.					
		the computer readable form has not been furnished or does not comply with the Standard.					
V	V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicabilicitations and explanations supporting such statement						ıstrial applicability;
1.	. Sta	atement					
	No	velty (N)	Yes: No:	Claims Claims	1-12		
	Inv	ventive step (IS)	Yes: No:	Claims Claims	1-12		SVA CON
	lno	dustrial applicability (IA)	Yes: No:	Claims Claims	9-12		
2	. Ci	tations and explanations					•

Section III

- 1. Claims 1-8 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Article 34(4)(a)(I) PCT).
- Medical claims 1, 8, 9 and 11-12 is not acceptable under Art. 6, PCT. The
 therapeutic application is functionally defined by a mechanism of action which
 does not allow any practical application in the form of a defined, real treatment of
 a pathological condition (disease).

The objection could be overcome by either introducing in the claims a list of pathological conditions (diseases) cited in the application, or by showing that means are available which would allow the skilled person to recognise which additional condition(s) would fall within the functional definition.

Section V

- 1. Reference is made to the following documents:
 - D1: WO 94/17773 A (ABRAMOWICZ DANIEL ;SCHANDENE LILIANE (BE); CAPEL PAUL (BE); DELVAU) 18 August 1994 (1994-08-18)
 - D2: WO 01/95928 A (SQUIBB BRISTOL MYERS CO ;TODDERUD CHARLES GORDON (US); TOWNSEND RO) 20 December 2001 (2001-12-20)
 - D3: STEPKOWSKI S M ET AL: "Blocking of heart allograft rejection by intercellular adhesion molecule-1 antisense oligonucleotides alone or in combination with other immunosuppressive modalities." JOURNAL OF IMMUNOLOGY (BALTIMORE, MD.: 1950) UNITED STATES 1 DEC 1994, vol. 153, no. 11, 1 December 1994 (1994-12-01), pages 5336-5346, XP002257677 ISSN: 0022-1767
- 2. Documents D1 to D3 (cf. parts indicated in the search report) all discloses the combined use of at least one LFA-1 inhibitor such as IL-10 and a mTOR inhibitor such as rapamycin in the treatment of diseases such as cancer or immune disorders. The subject-matter of the present claims can therefore not be considered as neither novel nor inventive (Art 33 (2) and (3) PCT).

INTERNATIONAL PRELIMINARY International application No. PCT/EP 03/08436

FXAMINATION REPORT - SEPARATE SHEET

Form PCT/Senarate Sheet/409 (Sheet 2) (EPO-April 1997)